

UNIVERSITY OF SZEGED ALBERT SZENT-GYÖRGYI FACULTY OF MEDICINE AND HEALTH CENTER DEPARTMENT OF MEDICINE WESTERN DIVISION Head of department: Csaba Lengyel MD. PhD. Professor of Medicine Medical director: Tamás Várkonyi MD. PhD. Professor of Medicine	
H-6725 Szeged, Kálvária sgt. 57., Hungary; POB: H-6701 Szeged, Pf. 427 Tel.: +36-62-545-189; Fax: +36-62-545-185; E-mail: office.in1st@med.u-szeged.hu	
TDK coordinator:	Dr. Tamás Takács takacs.tamas@med.u-szeged.hu Dr. József Maléth maleth.jozsef@med.u-szeged.hu
Homepage	https://u-szeged.hu/szakk/in1st/kezdooldal
Student secretariat:	Nádházi Alexandra nadhazi.alexandra@med.u-szeged.hu Vidács Tünde vidacs.tunde@med.u-szeged.hu Tel.: +36-62-34-22-29

Topics for Student's Research Association	
Gastroenterology	
Tutor:	Topic:
Dr. András Rosztóczy	The role of magnetic-controlled capsule endoscopy in the diagnosis of esophageal diseases. Gastroesophageal reflux disease and eosinophilic oesophagus Extraesophageal complications of achalasia

Dr. József Maléth	Epithelial signaling and secretion in physiology and pathophysiology Organoid cultures in the gastroenterology research Novel therapeutic targets in chronic pancreatitis
Dr. László Czakó	Endoscopic retrograde cholangio-pancreatography (ERCP) Endoscopic therapy of complications in acute pancreatitis Therapeutic endoscopic ultrasonography Quality control in endoscopy Early diagnosis of pancreatic cancer Microbiome in gastrointestinal disorders
Dr. Tamás Molnár Dr. Klaudia Farkas Dr. Emese Ivány	Inflammatory bowel diseases Crohn's disease Ulcerative colitis Colon cancer
Dr. Balázs Németh	Genetics of chronic pancreatitis

Dr. Zoltán Szepes Dr. Renáta Bor Dr. Anna Fábián	Efficacy and safety of colorectal screening in Csongrád-Csanád County Questionnaire-based evaluation of clinical symptoms of patients participating in colorectal screening Endoscopic treatment of colorectal polyps Optical diagnosis of colorectal polyps Endoscopic full-thickness resection in the upper and lower gastrointestinal tract Complications of ERCP and their risk factors Cholangitis - real life versus guideline ERCP indication and timing in acute biliary pancreatitis Transpapillary cholecyst drainage Direct cholangioscopy The role of endosonography in the diagnosis of benign and malignant upper GI lesions Rectal ultrasonography guided sampling Upper and lower gastrointestinal stent implantation (gastric outlet obstruction, benign and malignant esophageal and colorectal strictures) Treatment of irradiation proctitis Assessment of quality indicators of endoscopic examinations in daily practice.
Endocrinology - Diabetology	
Dr. Éva Csajbók	Pituitary adenomas- history, histology, hormonal disturbances Obesity-chronic inflammation-kognition-quality of life (<i>Adipositas-Kronische Entzündung-Kognitive Funktion-Lebensqualität</i>)

Dr. Sándor Magony	Investigation of neuropathy in endocrine diseases Cardiological abnormalities in acromegaly
Dr. Mihály Szécsi	Inhibition of steroid hormone biotransformation Laboratory technologies of hormone analysis
Dr. Anna Vágvölgyi	Investigation of the correlation between cardiac arrhythmias and obesity (Co-supervision with Dr. Máté Vámos - Department of Internal Medicine, Cardiology Center, University of Szeged) <i>Zusammenhänge der Herzrhythmusstörungen und Adipositas (Gemeinsames Thema mit Herrn Dr. Máté Vámos)</i> Investigation of the endocrine aspects of cardiac arrhythmias (Co-supervision with Dr. Máté Vámos - Department of Internal Medicine, Cardiology Center, University of Szeged) <i>Untersuchung der endokrinologischen Aspekte von Herzrhythmusstörungen (Gemeinsames Thema mit Herrn Dr. Máté Vámos)</i>
Infectology	
Dr. Edit Hajdú	Analysis of device-related infections Analysis of data on gastroenteritis cases caused by <i>Clostridium difficile</i> Multi-resistant pathogens in the clinic New therapeutic options against multi-resistant pathogens in the clinic
Nefrology	
Dr. György Ábrahám Dr. Nikolett Gajdán	The value of the 24-hour blood pressure monitoring in the prediction of the progression of the cardiovascular target organ damage.